

# INTERNATIONAL SEARCH REPORT

International Application No

PCT/US 00/03953

## A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 H01J9/24 H01J17/16 H01J17/49

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 H01J

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	FR 2 738 393 A (KYOCERA CORP) 7 March 1997 (1997-03-07) cited in the application page 8, line 11 - line 23 page 20, line 25 - page 22, line 35; figures 8A, 8B	1, 6, 7
A	WO 99 10909 A (MASAKI TAKAKI ; MORIYA GO (JP); ARIZUMI KIWAME (JP); DEGUCHI YUKICH) 4 March 1999 (1999-03-04)	1, 7
P, A	& EP 0 935 275 A (TORAY INDUSTRIES INC) 11 August 1999 (1999-08-11) page 5, line 27 - line 34 page 10, line 20 - line 34 page 12, line 54 - page 22, line 33	1, 7
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☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

### \* Special categories of cited documents :

"A" document defining the general state of the art which is not considered to be of particular relevance

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"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

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"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

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"&" document member of the same patent family

Date of the actual completion of the international search

16 June 2000

Date of mailing of the international search report

26/06/2000

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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
P, A	WO 99 60446 A (MINNESOTA MINING & MFG) 25 November 1999 (1999-11-25) the whole document ---	1,7
A	PATENT ABSTRACTS OF JAPAN vol. 1997, no. 05, 30 May 1997 (1997-05-30) & JP 09 012336 A (ASAHI GLASS CO LTD), 14 January 1997 (1997-01-14) cited in the application abstract -----	1,7

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Information on patent family members

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		JP 9134676 A	20-05-1997
		JP 9259754 A	03-10-1997
		JP 9265905 A	07-10-1997
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